NAVY ACQUISITION REFORM
INFO-ALERT
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NAVY ACQUISITION REFORM HOMEPAGE: http://www.acq-ref.navy.mil
Questions: Ms. Alex Bennet, (703) 602-0136, bennet_alex@acq-ref.navy.mil

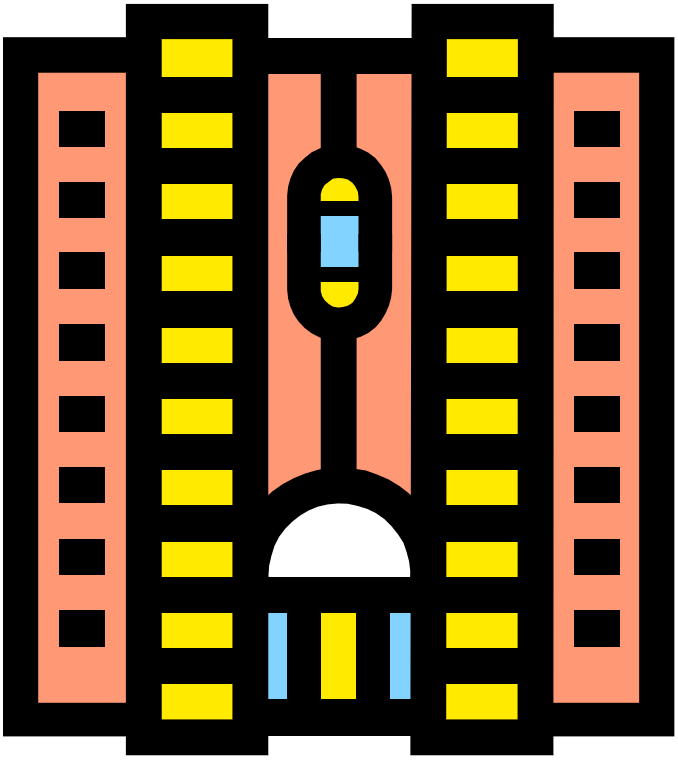
CONSTRUCTION OF THE AREA 6 LANDFILL CAP

The 43-acre multi-layer cap was constructed to meet the requirements of the Operable Unit (OU) 1 Record of Decision (ROD). The OU-1 ROD was signed by the Navy, EPA and the State Dept of Ecology in December 1993. The objectives of the landfill cap are; (1) to prevent rainwater from filtering through the landfill waste material and transporting chemicals to the underlying groundwater, and (2) to prevent direct contact with contaminated soil. The total cost, plus award fee amount is approximately $14,552,000.

Technical Challenge: Because of an unanticipated settlement of the fill material, soil surcharge was utilized to provide compaction. A layer of high strength woven geotextile fabric was installed to minimize the amount of surcharge material and the length of time the surcharge was required.

Safety Accomplishments: Contractor completed over 45,000 labor hours without any lost time, accidents, or restricted duty hours.

Successful Integration of Natural Resources Concepts: By coordinating the landfill cap work plan with NAS Whidbey Island Environmental Affairs, the plan was adjusted to provide for construction of wildlife habitat enhancements at the site of the former borrow pit. POC Angela Naill (703) 325-9052.



NAVAL UNDERSEA WARFARE CENTER

The Warfare Center's most significant accomplishments of 1997 were built on the foundation of a common theme — supporting NAVSEA's strategic goal of reducing the total ownership cost of the systems and products we provide to the fleet. Through the application of advanced modeling and simulation processes, the Center reduced the cost and risk associated with the development of the New Attack Submarine (NSSN) Command, Control, Communications, and Intelligence (C3I) system. Similar measures were applied to successfully test the life cycle range of the Elastomeric Ejection System (EES), a prime candidate for the NSSN weapon launch system. Testing revealed that EES capabilities far exceeded NSSN life cycle requirements, marking the innovative system as a viable alternative for the Navy's newest addition to the submarine force. NUWC'S strong commitment to total ownership cost reduction was recognized through the 1997 Secretary of Defense Productivity Excellence Award. POC Tom Demas, (703) 602-8072.